

Table 6. Physical/mechanical properties of thermoset urethane.

Properties	Control Sample	0.5% Additive	1.0% Additive	2.5% Additive	5.0% Additive	10.0% Additive
100% Modulus, MPa	6.9	7.01	7.47	6.78	7.36	7.36
300% Modulus, MPa	11.38	12.18	12.41	10.11	10.92	10.34
Tensile Strength, MPa	23.79	31.95	34.48	17.82	19.31	17.47
Elongation, %	617	590	605	604	607	624
Tear Strength, kN/m	107.44	104.89	106.87	89.20	101.60	95.61